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8-20-2021

**MGRRE_PureOilScoutTickets_LOGAS,
ANTHONY_1_21011116190000**

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MGRRE_PureOilScoutTickets_LOGAS, ANTHONY_1_21011116190000

API 21011116190000

Permit Number 11619

Lease Name LOGAS, ANTHONY

Well Number 1

County Arenac

Township 19N

Range 4E

Section 25

2021 DEQ or Pure co_name BERNHARDT LOWELL

Pure Number 442

Latitude 44.02346

Longitude -83.9459

THE PURE OIL COMPANY

Date June 20, 1945 LOCATION REPORT

A.F.E. No. _____

Division Mich. Producing

District _____

Lease _____

Anthony Logas
Anthony Logas

Acres _____ Lease No. _____

Elevation _____

Well No. 1(Serial No. 442)Quadrangle SW-NW-NW
SW NW NWSec. 25Twp. 19 NRge. 4 E

Rk. Dist. _____

Twp. Deep River
Deep RiverSurvey _____ County ArenacState MichiganOperator Lowell BernhardtMap Deep River Twp. Arenac Co.
Deep River Township, Arenac County

990 990 Feet from North Line of Lease

" " East " " "

" " South " " "

290 290 " " West " " "

990 990 Feet from North Line of Section 1/4

" " East " " "

" " South " " "

290 290 " " West " " "

LEGEND

○ Location

☀ Gas Well

● Oil Well

☀ Gas - Distillate Well

○ or ○ Dry Hole

● Dry Showing Oil

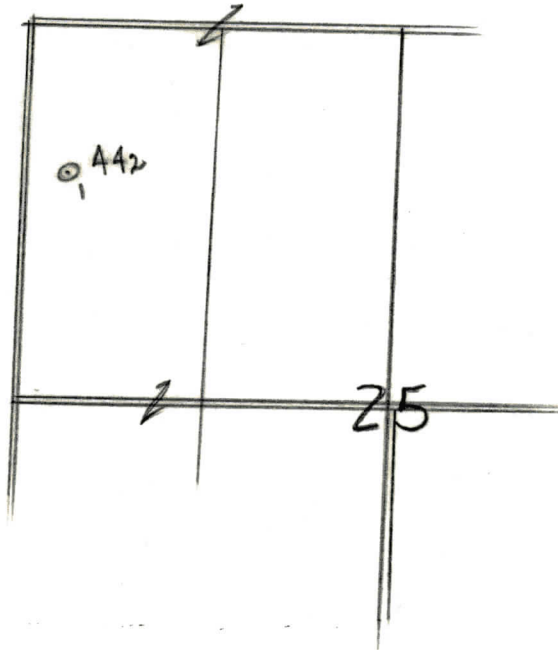
☀ Dry Showing Gas

⊗ Abandoned Location

☀ or ☀ Abandoned Gas Well

● or ● Abandoned Oil Well

● or ○ Input Well



Scale _____

Remarks: _____

Submitted by _____ Civil Engineer

Approved by _____

Division Manager

Approved by _____

Vice-President - General Manager

Michigan Producing Division

Date **October 3, 1945** No. **442**
State **Michigan** Co. **Arenac** ~~Dist.~~ Twp. **Deep River** Sec. **25** Twp. **19 N** Rge. **4 E**
Well No. **1** Serial No. **442** Farm **Anthony Logas** Acres
Operator **Lowell Bernhardt**
Date started **6-11-45** Date completed **7-30-45** Elevation **644.0**

PRODUCTION RECORD

1st 24 hours natural

Date of shot 7-25-45 and No. of quarts From To From to

Date of acid 8-3-45 No. of gallons 3000

1st 24 hours after acid No results

Completed as: Oil Well Gas Well Dry Hole **X**

FORMATION AND CASING RECORD

Formation	Top	Bottom	Top Pay	Bottom Pay	Remarks	Casing	
						Size	Set at
Marshall	235	305	(+409)			10"	45
Sunbury	1383	(739)				8-1/4"	531
Berea	1414	CTM	(-770)			6-5/8"	1772 Out
Antrim	1575	(-931)			(-1293)	5-3/16"	2369
Traverse Lime	1937	CTM	(-1293)		1 ba. S.W./Hr. 1937-1947. HFSW 2068 to 2083.	4" Liner	2810
Dundee	2754	SLM.	(-2110)		Very small show oil 2782 to 2792.	(-1424) (-2138)	
Total Depth		2810	(-2466)				

Remarks	1620' eq. 1625' SLM; 2369' eq. 2410' Pipe Tally; 2696' eq. 2696' SLM.
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Signed **D. C. Shackelford**